

CLAIM AMENDMENTS

Please amend the claims as follows:

Please cancel claims 1-249.

Please add new claims 250-291 as follows:

250. (New) A method for interfacing between a terminal and a base station connected to a core network, wherein the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or an asynchronous operating type and the core network are a ANSI-41 operating type, said method comprising the steps of:

a) providing the terminal with a message including a core network operating type information representing an operating type of a core network.

251. (New) The method as recited in claim 250, wherein the step a) includes the steps of:

a1) storing a core network operating type information in a storage device; and

a2) reading the core network operating type information stored on a storage device during a time period of initialization of the radio network.

252.(New) The method as recited in claim 251, wherein the storage device includes a dip switch for designating the operating type of the core network.

253.(New) The method as recited in claim 251, wherein the storage device includes a memory for storing the operating type of the core network.

254.(New) The method as recited in claim 253, wherein the memory is a read only memory (ROM).

255.(New) The method as recited in claim 250, wherein the step a) includes the steps of:

a1) inserting the core network operating type information into the message; and

a2) transmitting the message to the terminal through a predetermined channel.

256.(New) The method as recited in claim 255, wherein the predetermined channel is a synchronous channel.

257.(New) The method as recited in claim 255, wherein, in said step a1), the core network operating type information is periodically inserted into the message.

258.(New) The method as recited in claim 250, wherein the message includes a master information block.

259.(New) The method as recited in claim 250, wherein the message includes a system information message.

260.(New) The method as recited in claim 250, wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS		1.. <MAX SYS INFO BLOCK COUNT>		
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		ANSI-41	
ANSI-41 INFORMATION ELEMENTS	C-ANSI			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")

261.(New) An apparatus for interfacing between a terminal and a base station connected to a core network, wherein the

terminal has a hybrid operating type being possible to be set as either a synchronous operating type or an asynchronous operating type and the core network are an ANSI-41 operating type, said apparatus comprising:

- a first storage device for storing core network operating type information representing an operating type of a core network;

- extraction block for reading the core network operating type information during a time period of initialization of the radio network; and

- messaging block for providing the terminal with the core network operating type information contained in a message through a predetermined channel.

262.(New) The apparatus as recited in claim 261, further comprising a second storage device, contained in the terminal, for storing the recognized operating type of the core network.

263.(New) The apparatus as recited in claim 261, wherein the detection block includes:

- receiver block for receiving the master information block having the core network operating type information; and

- extraction block for extracting the core network operating type information from the received master information block.

264.(New) The apparatus as recited in claim 261, wherein the first storage device includes a dip-switch for designating the operating type of the core network.

265.(New) The apparatus as recited in claim 261, wherein the first storage device includes a memory for storing the operating type of the core network.

266.(New) The apparatus as recited in claim 265, wherein the memory is a read only memory (ROM)

267.(New) The apparatus as recited in claim 261, wherein the master information block is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS		1.. <MAX SYS INFO BLOCK COUNT>		
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		ANSI-41	
ANSI-41 INFORMATION ELEMENTS	C-ANSI			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")

268.(New) The apparatus as recited in claim 261, wherein the messaging block:

inserts the core network operating type information into the master information block; and

provides the terminal with the master information block through a predetermined channel.

269.(New) The apparatus as recited in claim 268, wherein the predetermined channel is a synchronous channel.

270.(New) The apparatus as recited in claim 268, wherein the core network operating type information is periodically inserted into the master information block.

271.(New) A method for interfacing between a terminal and a base station connected to a core network, wherein the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or an asynchronous operating type and the core network is an ANSI-41 and GSM-MAP operating type, said method comprising the steps of:

a) providing the terminal with a message including a core network operating type information representing an operating type of a core network.

272.(New) The method as recited in claim 271, wherein the step a) includes the steps of:

a1) storing a core network operating type information in a storage device; and

a2) reading the core network operating type information stored on a storage device during a time period of initialization of the radio network.

273.(New) The method as recited in claim 272, wherein the storage device includes a dip switch for designating the operating type of the core network.

274.(New) The method as recited in claim 272, wherein the storage device includes a memory for storing the operating type of the core network.

275.(New) The method as recited in claim 274, wherein the memory is a read only memory (ROM).

276.(New) The method as recited in claim 271, wherein the step a) includes the steps of:

a1) inserting the core network operating type information into the message; and

a2) transmitting the message to the terminal through a predetermined channel.

277.(New) The method as recited in claim 276, wherein the predetermined channel is a synchronous channel.

278.(New) The method as recited in claim 276, wherein, in said step a1), the core network operating type information is periodically inserted into the message.

279.(New) The method as recited in claim 271, wherein the message includes a master information block.

280.(New) The method as recited in claim 271, wherein the message includes a system information message.

281.(New) The method as recited in claim 271, wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS		1.. <MAX SYS INFO BLOCK COUNT>		
>SCHEDULING INFORMATION	M			



CN INFORMATION ELEMENTS				
CN TYPE	M		GSM-MAP	
PLMN IDENTITY	C-GSM			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")

282.(New) An apparatus for interfacing between a terminal and a base station connected to a core network, wherein the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or an asynchronous operating type and the core network is an ANSI-41 and GSM-MAP operating type, said apparatus comprising:

a storage device for storing core network operating type information representing an operating type of a core network;

extraction block for reading the core network operating type information during a time period of initialization of the radio network; and

messaging block for providing the terminal with the core network operating type information contained in a message through a predetermined channel.

283.(New) The apparatus as recited in claim 282, wherein the storage device includes a dip-switch for designating the operating type of the core network.

284.(New) The apparatus as recited in claim 282, wherein the storage device includes a memory for storing the operating type of the core network.

285.(New) The apparatus as recited in claim 284, wherein the memory is a read only memory (ROM).

286.(New) The apparatus as recited in claim 282, wherein the messaging block:

inserts the core network operating type information into the master information block; and

provides the terminal with the master information block through a predetermined channel.

287.(New) The apparatus as recited in claim 286, wherein the predetermined channel is a synchronous channel.

288.(New) The apparatus as recited in claim 286, wherein the core network operating type information is periodically inserted into the master information block.

289.(New) The apparatus as recited in claim 282, wherein the message includes a master information block.

290.(New) The apparatus as recited in claim 282, wherein the message includes a system information message.

291.(New) The apparatus as recited in claim 282, wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS		1.. <MAX SYS INFO BLOCK COUNT>		
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		GSM-MAP	
PLMN IDENTITY	C-GSM			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")